

MEMORANDUM

SUBJECT: Documents to Support the Risk Assessment for the Wastewater Treatment Exemptions for Hazardous Waste Mixtures (Headworks) Proposal

FROM: Ron Josephson

TO: File

DATE: January 23, 2003

Below are listed several documents that support the subject risk assessment support document. Most of these documents are available through public sources, such as EPA's web site, EPA dockets, libraries, and government publication outlets. Those that are not available will be scanned into the electronic docket (RCRA-2002-0028) for this proposal.

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The Merck Index: An Encyclopedia of Chemicals, Drugs, and Biologicals. 12th edition. Whitehouse Station, NJ: Merck and Co., S. Budavari (ed). 1996. 6 pages.

Air Toxics Hot Spots Program Risk Assessment Guidelines: Part II. Technical Support Document for Describing Available Cancer Potency Factors. Office of Environmental Health Hazard Assessment, Berkeley, CA. CalEPA (California Environmental Protection Agency). 1999. Available online at <http://www.oehha.org/scientific/h sca2.htm>. 7 pages.

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Emission Flux Equations for Showering, J. Coburn, Research Triangle Institute. July 1, 1996. 9 pages.

Applying the two resistance theory to contaminant volatilization in showers. Environmental Science and Technology 26:1341-1349. J.C. Little, 1992. 9 pages.

Handbook of Chemical Property Estimation Methods: Environmental Behavior of Organic Compounds. Washington, DC: American Chemical Society. W.J. Lyman, W.F. Reehl, and D.H. Rosenblatt. 1990. 33 pages.

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CHEMFATE Chemical Search, Environmental Science Center, Syracuse, NY. Syracuse Research Corporation (SRC). 1999. <http://esc.syrres.com/efdb/Chemfate.htm>. 1 page.

Addendum to the Health Assessment Document for Tetrachloroethylene (Perchloroethylene). Updated Carcinogenicity Assessment for Tetrachloroethylene (Perchloroethylene, PERC, PCE). External Review Draft. EPA/600/8-82-005FA. U.S. EPA (Environmental Protection Agency). Office of Health and Environmental Assessment, Office of Research and Development, Washington DC. 1986. 77 pages.

Health and Environmental Effects Profile for Pyridine. EPA/600/x-86-168. U.S. EPA (Environmental Protection Agency). Environmental Criteria and Assessment Office, Office of Research and Development, Cincinnati, OH. 1986. 86 pages.

Addendum to the Health Assessment Document for Trichloroethylene. Updated Carcinogenicity Assessment for Trichloroethylene. External Review Draft. EPA/600/8-82-006FA. U.S. EPA (Environmental Protection Agency). Office of Health and Environmental Assessment, Office of Research and Development, Washington DC. 1987. 141 pages.

1986 National Survey of Hazardous Waste, Storage, Disposal, and Recycling Facilities Database. U.S. EPA (Environmental Protection Agency). 1987. 1 page with diskette.

Process Coefficients and Models for Simulating Toxic Organics and Heavy Metals in Surface Waters. U.S. Environmental Protection Agency (EPA). Office of Research and Development. Washington, DC: U.S. Government Printing Office (GPO). 1987. 13 pages.

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Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons. U.S. EPA (Environmental Protection Agency). Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. EPA/600/R-93-089. 1993. 22 pages.

Methods for Derivation of Inhalation Reference Concentrations and Application of Inhalation Dosimetry. EPA/600/8-90-066F. U.S. EPA (Environmental Protection Agency). Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment, Office of Research and Development, Research Triangle Park, NC. 1994. 11 pages.

Air Emission Models for Waste and Wastewater. U.S. EPA (Environmental Protection Agency). Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711. EPA-453/R-94-080A. 1994. Available online at: <http://www.epa.gov/ttn/chief/software/water/>. 12 pages.

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Soil Screening Guidance: Technical Background Document. EPA/540/R95/128. U.S. Environmental Protection Agency (EPA). Office of Solid Waste and Emergency Response. May 1996. 9 pages.

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Mercury Study Report to Congress. Volume IV: An Assessment of Exposure to Mercury in the United States. EPA-452/R-97-006. U.S. Environmental Protection Agency (EPA). Office of Air Quality Planning and Standards and Office of Research and Development. Washington, DC. 1997. 19 pages.

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Risk Assessment Issue Paper for: Evaluating the Carcinogenicity of Ethylbenzene (CASRN 100-41-4). 99-011/10-12-99. U.S. EPA (Environmental Protection Agency). National Center for Environmental Assessment. Superfund Technical Support Center, Cincinnati, OH. 1999. 10 pages.

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Research and Development, Washington, DC. 2000. 877 pages.

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Data Background Document: Supporting Information on the Four RCRA-Listed Hazardous Waste F002 & F005 Spent Solvent Chemicals. U.S. EPA (Environmental Protection Agency)

Office of Solid Waste, Washington, D.C., December 2002. 127 pages.

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